

# WELCOME!

## Northgate Ped/Bike Bridge Project

- **Connecting services and opportunities** on the east and west sides of I-5
- **Adding a new accessible walking/biking route in Northgate** that connects to the citywide network
- **Providing better access to regional transit**, including the existing transit center and future Link light rail station





## CURRENT DESIGN

Since spring 2017, we've been working closely with our partners at North Seattle College (NSC) to ensure the success of the bridge, which will be a substantial amenity for NSC students, faculty, and staff. Working with the College, we've refined the design of the west approach.

- Straighter alignment
- Reduced slope
- Accommodates site constraints
- Preserves valuable College land
- Meets Sound Transit's schedule





## ENVIRONMENTAL REVIEW

### Site context

Environmental review includes evaluating impacts to wetlands, trails, open space, wildlife, vegetation, endangered species, cultural or historic sites, parking, safety, sightlines, and utilities.

The project site spans west and east of I-5. The west side of the project runs through the North Seattle College (NSC) campus, which includes a wetland complex, woods, watercourses (i.e., streams or channels), a historic site, a greenbelt, and open space used for passive recreation. The east side of the project includes wetlands and watercourses.

Water on both the west and east sides eventually drains into Thornton Creek. Pacific Tree Frogs can be found in the NSC natural area, and fish have been found in all watercourses.

### Potential impacts

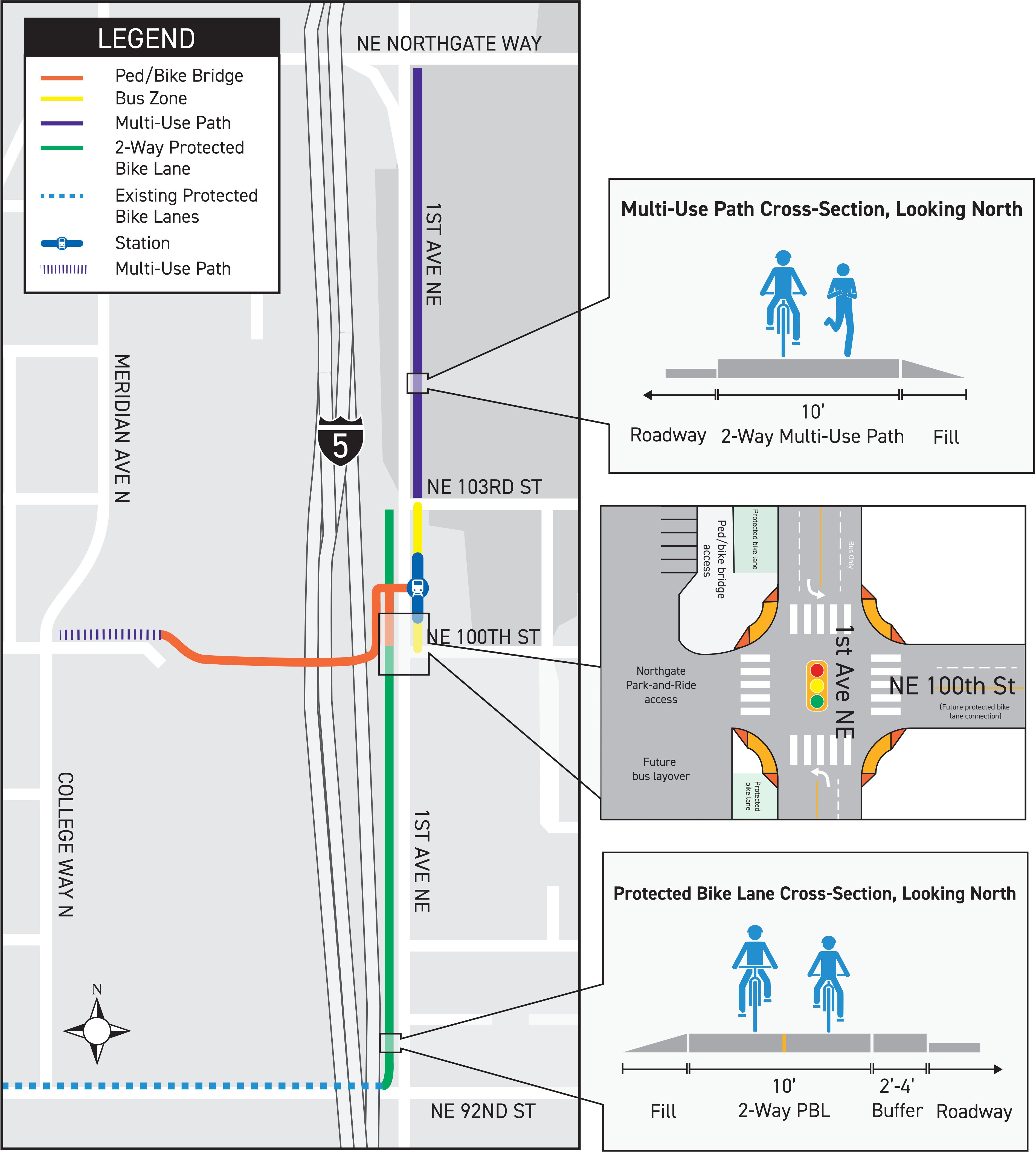
- Permanent and temporary impacts to NSC trails
- Fill and reshaping wetlands and watercourses
- Discovery of cultural resources during construction/impacting existing historic site



### Avoidance, minimization, and mitigation

- Relocation of displaced trails/restoration of trails after construction
- Wetland enhancement/on- and off-site mitigation
- Security call boxes on the bridge (bridge lighting also provides facial recognition and security)
- Avoiding historic sites and monitoring for cultural resources during construction

1ST AVE NE PROTECTED BIKE LANE  
AND MULTI-USE PATH





# NORTHGATE PED/BIKE BRIDGE

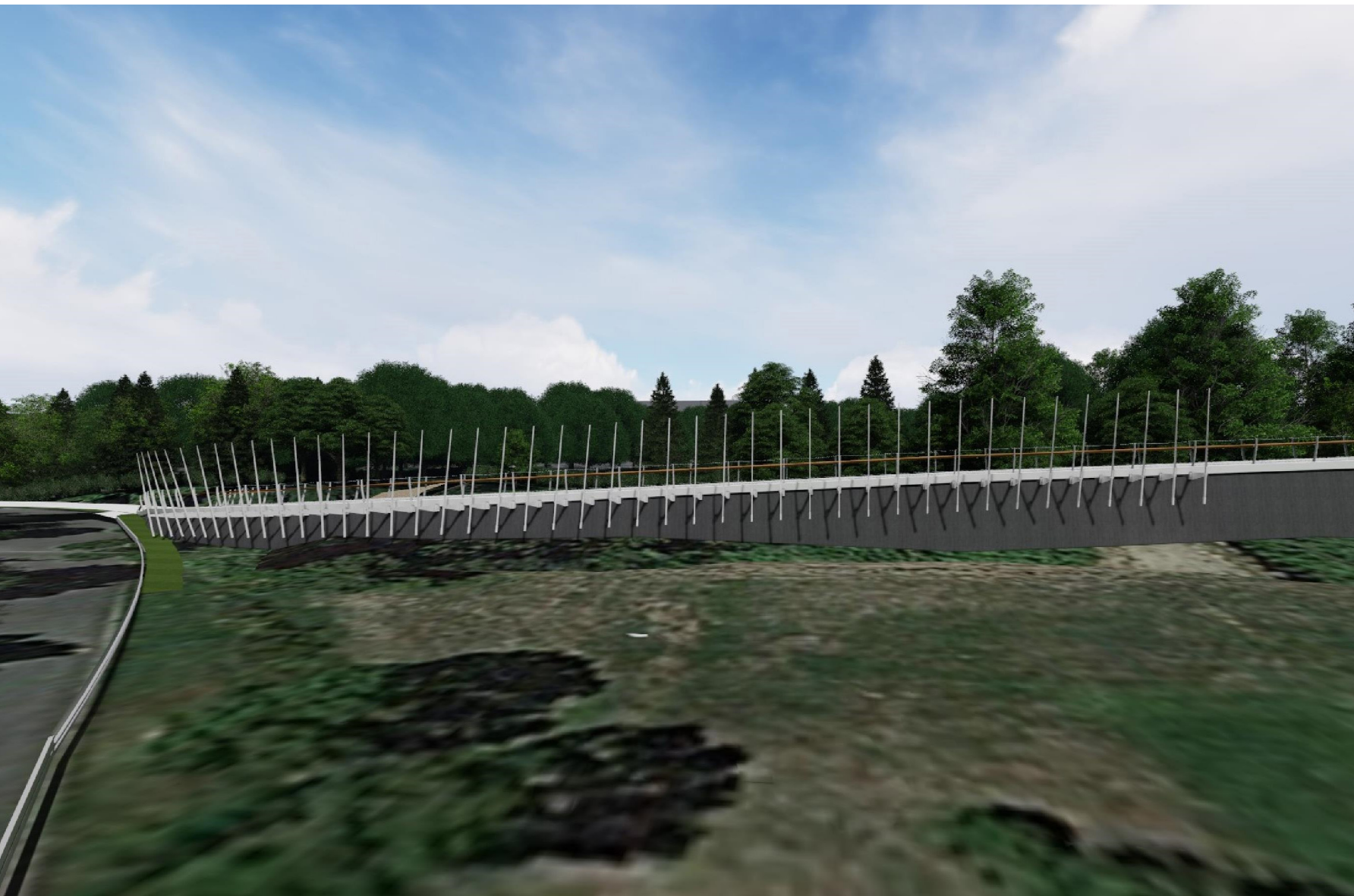
## PROJECT ART

### Project Artist: Charles Sowers

Charles Sowers is an artist whose practice links art, science, and physical phenomena.

*WaveSpan* is a kinetic/interactive sculpture that features “pickets” that will line the south side of the bridge’s west approach ramp. Motion sensors will be spaced throughout the artwork and respond to the passing of a person and rotate that picket in towards the bridge and then release it, setting in motion a slowly moving wave that ripples through the 40 to 60 pickets arrayed over 200-300 feet of the west ramp. The wave is real, a so-called torsion wave. It is a product of rotational movement through the medium of cable coupled pickets. The sensor driven picket rotates, dragging along its neighbors who in turn pass the motion along to their neighbors.

See more of Charles’s work at: [charlessowers.com](http://charlessowers.com)



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This art installation was commissioned with SDOT 1% for Art funds.